APPENDIX A PREVIOUS MINE MITIGATION EXCAVATION

SITE#	EXCAVATION TOTALS	REFERENCES
32ME0158	47 rings and 3 cairns tested; 3 rings trench excavated	Boughton et al 1994a; Boughton & Peterson 1994; Boughton et al 1996
32ME0163	Series of grader stripping passes	Dill 1978; HASI 1981; Bergstrom & Deaver 1988
32ME0166	excavated 13 rings, 5 cairns, 5 non-feature areas; 365.5m ²	Dill 1978; Kuehn et al 1984; Deaver et al 1989
32ME0175	Excavated 14 rings, partial excavation of 7 rings; full excavation of 5 cairns; 5 block units outside of ring areas; 177m ³	Dill 1978; LaVardera 1984; Deaver & Schweigert 1988; Peterson & Brownell 1989; Spath 1991a, b; Peterson & Peterson 1995
32ME0254	8 rings trenched; 3 rings fully excav; 1 cairn fully excav; 2 cairns partial excav; 40 1m x 1m units outside feature areas; 247m ²	Dill 1978; LaVardera 1984; Spath et al 1991a; Peterson & Boughton 1997; Winzler et al 1998
32ME0797	2m x 5m excav block	Gregg et al 1985; Haury et al 1988; Larson 1992; Walker-Kuntz et al 1998; Walker-Kuntz & Boughton 1999
32ME1357	N-S x E-W trench in 3 rings	Boughton et al 1994a; Boughton & Peterson 1994; Boughton et al 1996
32ME1358	N-S X E-W trench in 1 ring	Boughton et al 1994a, 1994b; Boughton & Peterson 1994; Boughton et al 1996
32ME1364	20 1 x 1m units over cairn	Boughton et al 1994a, 1994b; Boughton & Peterson 1994; Boughton et al 1996
32ME1374	N-S x E-W trench in 1 ring; 3 1 x 1m units over cairn	Boughton et al 1994a; Boughton & Peterson 1994; Boughton et al 1996
32ME1376	N-S x E-W trench in 1 ring and assoc cairn	Boughton et al 1994a; Boughton & Peterson 1994; Boughton et al 1996
32ME1380	39 1 x 1m units in 1 ring	Boughton et al 1994a; Boughton & Peterson 1994; Boughton et al 1996
32ME1384	N-S X E-W trench in 1 ring	Boughton et al 1994a; Boughton & Peterson 1994; Boughton et al 1996
32ME1387	N-S X E-W trench in 2 rings	Boughton et al 1994a, 1994b; Boughton & Peterson 1994; Boughton et al 1996
32ME1392	N-S X E-W trench in 1 ring	Boughton et al 1994a, 1994b; Boughton & Peterson 1994; Boughton et al 1996
32ME1395	N-S X E-W trench in 1 ring	Boughton et al 1994a, 1994b; Boughton & Peterson 1994; Boughton et al 1996
32ME1402	N-S X E-W trench in 4 rings	Boughton et al 1994a, 1994b; Boughton & Peterson 1994; Boughton et al 1996
32ME1403	N-S X E-W trench in 1 ring; 96 1 x 1m units in 1 ring	Boughton et al 1994a, 1994b; Boughton & Peterson 1994; Boughton et al 1996
32ME1456	1 Partial ring excav; 43m ²	Walker-Kuntz et al 1998; Walker-Kuntz & Boughton 1999

References Cited for Appendix A

Artz, J. A

1986 Southwest Pipeline Archaeology: Testing and Evaluation of 15 Sites in Mercer and Dunn Counties, North Dakota (Segments A, B-1, and B-2). University of North Dakota for North Dakota State Water Commission, Bismarck, ND.

1989 Southwest Pipeline Archaeology: Further Investigations at the Goodman Creek (32ME796) and Boeckel-Renner (32ME799) Sites, Mercer County, North Dakota. Department of Anthropology University of North Dakota for North Dakota State Water Commission, Bismarck, ND.

Aaberg, S. A. and K. Deaver

1991 Testing and Evaluation of Nine Prehistoric Sites in Permit D Area, Coteau East Mine, Mercer County, North Dakota. Ethnoscience for the Coteau Properties Company, Bismarck, ND.

Bergstrom, M. and K. Deaver

1988 Mitigation of Site 32ME163, Mercer County, North Dakota. Ethnoscience for Coteau Properties Company, Bismarck, ND.

Boughton, J., J. Brownell and L. Peterson

1994a Coteau: A Cultural Resource Inventory of the North Mine Extension Area. Ethnoscience for the Coteau Properties Company, Beulah, ND.

Boughton, J., S. Deaver, L. A. Peterson and J. Brownell

1994b [Draft] A Management Plan for Cultural Resources Identified Within the North Mine Extension Area. Ethnoscience for Coteau Properties Company, Bismarck, ND.

Boughton, J., B. Fandrich, L. Litwinionek, L. A. Peterson and L. M. Peterson

2001 Coteau Properties Company: Testing and Criterion D Evaluation of Prehistoric Sites Located in Permit Extension Areas D and H and the West Permit Area, Mercer County, North Dakota. Ethnoscience for Coteau Properties Company, Bismarck, North Dakota.

Boughton, J. and L. A. Peterson

1994 Testing and Evaluation of Prehistoric Sites within the North Mine Extension Area. Ethnoscience for Coteau Properties Company, Bismarck, ND.

Boughton, J., K. VanderSteen, L. A. Peterson, L.M. Peterson and J. Lieb

1996 Data Recovery of 13 Located in the North Mine Extension Area, Mercer County, North Dakota.

Ethnoscience for Coteau Properties Company, Bismarck, ND.

Deaver, K.

1985 Cultural Resource Management Plan for Coteau Freedom Mine (Life-of-Mine). Ethnoscience for Coteau Properties Company, Bismarck, ND.

Deaver, K. and J. Brownell

1988 Site Mapping, Testing and Evaluation in Area F, Coteau Freedom Mine, Mercer County, North Dakota. Ethnoscience and Headwaters Cultural Research for Coteau Properties Company, Bismarck, ND.

1992 Cultural Resources Management Plan for the Coteau East Mine Area (Life-of Mine Area). Ethnoscience and Headwaters Cultural Resources for Coteau Properties Company, Beulah, ND

Deaver, K., S. Deaver and M. Bergstrom

1989 Onion Ring, 32ME166, A Tipi Ring Site in Central North Dakota. Ethnoscience for the Coteau Properties Company, Bismarck, ND.

Deaver, K. and K. Schweigert

1983 Archaeological and Historical Evaluation Project for Proposed Permit Area D Coteau Properties Freedom Mine Area 2, Mercer County, North Dakota. Ethnoscience for Coteau Properties Company, Bismarck, ND.

1988 Cultural Resource Management Plan for Coteau Freedom Mine (Life of Mine Area). Ethnoscience and Cultural Research and Management, Inc. for Coteau Properties Company, Bismarck, ND.

Deaver, S.

2001 Traditional Cultural Qualities of Sites in the Proposed Coteau Mine Expansion Area (Permit Areas D, H and the West Permit Area). Report compiled by Ethnoscience with contributions by Ronald Sam Little Owl, George Ironshield, Tim Mentz, Sr., Floyd Youngman and Curley Youpee for the Coteau Properties Company, Beulah, ND.

Dill, C. L.

1978 1977 Cultural Resources Inventory: Antelope Valley Station/A.N.G.C. Gasification Plant Site, Associated Mining Areas and Ancillary Facilities. State Historical Society of North Dakota, Bismarck, ND.

Gregg, M. L., C. Kordecki, D. D. Kuehn and K. Vander Steen

1985 Southwest Pipeline Archaeology: Initial Survey of Selected Tracts. Department of Anthropology, University of North Dakota, Grand Forks and Belfield, North Dakota, Contribution No.217. Report for North Dakota State Water Commission, Bismarck, ND.

Haury, C., P. Picha, J. Artz & S. Ahler

1988 Evaluation of Four Cultural Resources on the Southwest Pipeline. University of North Dakota, for the Bureau of Reclamation and State Water Commission, Bismarck, ND.

Historical and Archaeological Surveys, Inc. (HASI)

- 1981 Final Report, Historical and Archaeological Survey and Testing Project, Proposed Mining Area
 The Coteau Properties Company, Antelope Valley, Mercer County, North Dakota. HASI for Coteau Properties Company, Bismarck, ND.
- 1982 Archaeological Test Excavation Project: Seven Previously Recorded Archaeological Sites, Permit C Mine Area, Mercer County, North Dakota. HASI for Coteau Properties Company, Bismarck, ND.
- 1983a Archaeological Testing Project: Site 32ME237 Mine Area C of Coteau Properties Company's Freedom Mine, Mercer County, North Dakota. HASI for Coteau Properties Company, Bismarck, ND.
- 1983b Cultural Resource Inventory of 760.8 Hectares (1,880 Acres) in the Coteau Properties Company's Mine Areas D and E, and Evaluation of Four Formerly Recorded Historic Sites in Mine Area D, Mercer County, North Dakota). Report compiled for the Coteau Properties Company, Beulah, ND.

Kuehn, D. D., J. W. Hodny and K. P. Schweigert

1984 National Register Evaluations of Twelve Archaeological Sites and Eight Historical Sites in the Coteau Mine Area D and J, Mercer County, North Dakota. UNDAR-West (Report #724) for Coteau Properties Company, Bismarck, ND.

Larson, T. K. (editor)

1992 The 1989 Archaeological Investigations at 32ME797, 32ME799 and 32ME847 Along the Southwest Pipeline Project, Mercer County, North Dakota. Larson-Tibesar Associates, Inc. for the North Dakota State Water Commission, Bismarck, ND.

LaVardera, L. T.

1984 Cultural Resources Survey of Mine Areas 1, 2 and 4. The Coteau Properties Company, Mercer County, North Dakota, Vol. 1. Report for Coteau Properties Company, Bismarck, ND.

Metcalf Archaeological Consultants, Inc. (MACI)

1991 Dakota Star Reserve - 1991 A Class III Cultural Resource Inventory, Mercer County, North Dakota, Final Report, draft. Report for Coteau Properties Company, Beulah, ND.

Persinger, R.E.

1990 Dakota Star Reserve Cultural Resource Inventory. Mercer County, ND. Report for the Coteau Properties Company, Bismarck, ND.

Peterson, L. A.

2001 A Cultural Resource Management Plan for Permit Area Extension H, Mercer County, North Dakota. Report for Coteau Properties Company, Bismarck, ND.

Peterson, L. A. and J. Brownell

1989 Archaeological and Historical Investigations of Sites within the Coteau Freedom Mine Area (Life of Mine Area). UNDAR-West for the Coteau Properties Company, Bismarck, ND.

Peterson, L. A. J. Boughton, S. Deaver and L. Litwinionek

2000 Cultural Resource Testing and Evaluation Plan For Permit Extension Areas D and H and the West Permit Area, The Coteau Mine, Beulah, North Dakota Ethnoscience for Coteau Properties Co., Bismarck, ND.

Peterson, L. A. and J. Boughton

1997 Proposal for Data Recovery at 32ME254, Mercer County, North Dakota. Ethnoscience for Coteau Properties Co., Bismarck, ND.

Peterson, L. M.

1996 Additional Testing at Six Prehistoric Sites Located within the North Mine Extension Area. Ethnoscience for Coteau Properties Company, Bismarck, ND.

Peterson, L. M. and L. A. Peterson (editors)

1995 The Bees Nest Site, Mitigation of a Multi-Component Stone Ring Site in Central North Dakota (Vols. 1 & II). Ethnoscience for Coteau Properties Co., Bismarck, ND.

Schweigert, K. P.

1983 Historical and Architectural Survey and Evaluation of Eleven Sites, Coteau Properties Mine Area 2, Proposed Permit "D" Area, Mercer County, North Dakota. Cultural Research and Management, Inc. under subcontract with Ethnoscience for the Coteau Properties Company, Bismarck, ND.

1985 A Cultural Resource Survey of an Abandoned Mine Tipple Near Hazen, ND. Cultural Research and Management, Inc. for the Coteau Properties Company, Bismarck, ND.

Spath, C.

1991a The Bees Nest Ring Site (32ME175): Inventory of 80 Acres T145N R88W, Section 2, Mercer County and Documentation and Limited Testing of 32ME175. Metcalf Archaeological Consultants for Coteau Properties Company, Bismarck, ND.

1991b Report on Tasks I and IV: Inventory of 80 Acres and Documentation and Evaluation of 32ME175.
 Cultural Resource Management for the Coteau Properties Company, Bismarck, ND.

Spath, C., N. Ross and R. C. Christensen

1991a 32ME254, Evaluation and Intensive Testing. Metcalf Archaeological Consultants, Inc., for Coteau Properties Co., Bismarck, ND.

1991b Dakota Star Reserve Cultural Resource Inventory, Mercer County, North Dakota. Vols. I-XI. Metcalf Archaeological Consultants, Inc. for the Coteau Properties Company, Beulah, ND.

Spath, C. and K. Schweigert

1991 A Cultural Resources Management Plan for Prehistoric and Historic Period Cultural Resources in Dakota Star Reserves Life of Mine Area. Cultural Research Management for Basin Cooperative Services, Bismarck, ND.

Strait, J. D., B. Fandrich and O. Koenig

2002 A Class III Cultural Resource Inventory of the Coteau Properties Company's Mine Area 2 North, Mercer County, ND. Ethnoscience for Coteau Properties Company.

Walker-Kuntz, S. A. and J. M. Boughton

1999 Data Recovery at 32ME797 and 32ME1456 Mercer County, North Dakota. Ethnoscience for Coteau Properties Co., Bismarck, ND.

Walker-Kuntz, S. A., J. M. Boughton and B. Fandrich

1998 Survey and Testing of Portions of Sections 26 and 35, T146N R88W within the North Mine Extension Area, Mercer County, North Dakota. Ethnoscience for Coteau Properties Co., Bismarck, ND.

Winzler, S., J. Boughton and L. M. Peterson

1998 Data Recovery at 32ME254, Mercer County, North Dakota. Revised June 1998. Ethnoscience for Coteau Properties Co., Bismarck, ND.

Woolworth Research Associates (WRA)

A Final Report on an Archaeological, Historical Assessment Program for the North Dakota Coal Gasification Project in Mercer County, North Dakota. WRA for North American Coal Company, Bismarck, ND. Manuscript on file with the State Historical Society of North Dakota, Bismarck, ND.